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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/134,187
		Filing Date	04/26/2002
		First Named Inventor	KREAM, RICHARD M.
		Art Unit	1614 1647
		Examiner Name	Landsman
Sheet		of	
		Attorney Docket Number	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
RL		US 5,891,842 (B1)	04/06/99	Kream, Richard	
RL		US 6,310,072 (B1)	10/30/01	Smith, Marge, et al	
RL		US 6,063,758 (B1)	05/16/00	Lappi, Douglas, et al	
		US 09/428,692	Unpub.	Carr, Daniel, et al	
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FOREIGN PATENT DOCUMENTS					
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
RL		PCT WO 01/30371 (A0)	05/03/01	Carr, Daniel, et al.	
		11060598	08/15/97	Matsumura	

Examiner Signature	<i>David</i>	Date Considered	12/1/05
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449B/PTO		Compleat if Known	
		Application Number	10/720,039
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	
		First Named Inventor	
		Group Art Unit	1647
		Examiner Name	Landsman
		Attorney Docket Number	
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
BK		REULER, et al., <i>The Chronic Pain Syndrome: Misconceptions & Management</i> , ANN INTERN MED. 93:588-596 (1980)	
		SRIWATANKUL, et al, <i>Analysis of Narcotic Analgesic usage in the Treatment of Postoperative Pain</i> , JAMA 250:926-929 (1983)	
		SCHECHTER, <i>Pain & Pain Control in Children</i> , CURRENT PROBLEMS IN PEDIATRICS 15 (1985)	
		GOODMAN & GILMAN, <i>The Pharmacological Basis of Therapeutics</i> 511 (7 th ed. 1985)	
		FORAN, et al, <i>A Substance P-opioid chimeric peptide as a unique nontolerance-forming analgesic</i> , 97 PNAS 13:7521-26 (2001)	
		EGELTON, et al, <i>Transport of Opioid Peptides into the Central Nervous System</i> , J PHARM SCI 1998, 87(11):1433-39	
		BORCHARD, <i>Optimizing oral absorption of peptides using prodrug strategies</i> , J CONTROL RELEASE 1999; 62(1-2):231-38	
		STAIN-TEXIER, <i>Elevated concentrations of morphine 6-beta-D-glucuronide in brain extracellular fluid despite low blood-brain barrier permeability</i> , BR J PHARMACOL 1999; 128(4):917-24	
		MERRIFIELD, <i>Solid Phase Synthesis</i> , SCIENCE 232: 241-47 (1986)	
		BARANY, et al, <i>Solid-phase peptide synthesis; a silver anniversary report</i> , INT'L J PEPTIDE PROTEIN RES 30:705-39 (1987)	
		KENT, <i>Chemical Synthesis of Peptides and Proteins</i> , ANN REV BIOCHEM 57:857-989 (1988)	

Examiner Signature	<i>[Signature]</i>	Date Considered	12.1.05
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		Application Number	10/134,187
		Filing Date	04/26/2002
		First Named Inventor	KREAM, RICHARD M.
		Group Art Unit	1614 / 1647
		Examiner Name	
Sheet		of	Attorney Docket Number

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Bc		KAISER, et al, <i>Peptide & Protein Synthesis by Segment Synthesis-Condensation</i> , SCIENCE 243:187-98 (1989)	
		KREAM, <i>Substance P markedly potentiates the antinociceptive effects of morphine sulphate administered at the spinal level</i> , 90 PNAS 5564-68 (1993)	
		MASCZYNSKA, et al, <i>Alternative forms of interaction of substance P and opioids innocicpetive transmission</i> , LTRS PEPTIDE SCI 298, 5:395-98 (1998)	
		MASCZYNSKA, et al, <i>Dual Functional Interactions of Substance P Opioids in Nociceptive Transmission</i> , ANALGESIA 3:259-68 (1998)	
		WATSON, et al, <i>Tissue Selectivity of Substance P Alkyl Esters Suggesting Multiple Receptors</i> , EURO J PHARMACOL 87:77-84 (1983)	
		SIZHENG, et al, <i>Opioid and neurokinin activities of substance P fragments and their analogs</i> , EURO J PHARMACOL 193:209-15 (1991)	
		LIPKOWSKI, et al, <i>An Approach to the Self Regulatory Mechanism of Substance P Actions</i> , 33 LIFE SCIENCES 141-44 (1983)	
		FORAN, et al, <i>Inhibition of Morphine tolerance Development by a Substance P-Opioid Peptide Chimera</i> , J PHARMACOL & EX THERA 295:3:1142-48 (2000)	
		LIPKOWSKI, et al, <i>Opioid Peptide Analogues: Reconsideration as a Potentially New Generation of Analgesics</i> , POLISH J CHEM, 68:907-12 (1994)	
		MISTEREK, et al, <i>Spinal Co-Administration of Peptide Subsnace P Antagonist Increases Antinociceptive Effect of the Opioid Peptide Biphalin</i> , 14 LIFE SCIENCES, 14:939-44 (1994)	
V		FORAN, et al, <i>Chimeric Peptide for the Treatment of Acute & Chronic Pain</i> , ANESTHESIOLOGY 91:3A:A944 (1999)	

Examiner Signature		Date Considered	12.1.05
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Substitute for form 1449B/PTO

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Application Number	10/134,187
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First Named Inventor	KREAM, RICHARD M.
Group Art Unit	1614 1647
Examiner Name	
Attorney Docket Number	

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**Examiner
Signature**

Date	12.1.05
Considered	

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			Application Number	10/134, 187	
			Filing Date	04/26/2002	
			First Named Inventor	KREAM, RICHARD M.	
			Art Unit	4614 1647	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
pk		LIPKOWSKI, ET AL, Neuropeptides: Peptide and Nonpeptide Analogs, PEPTIDES: SYNTHESIS, STRUCTURES AND APPLICATIONS. 1995, PP 287-320. ACADEMIC PRESS.	

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This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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